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Acting Dominion Statistician:	S. A. Cudmore, M.A. (Oxon), F.S.S., F.R.S.C.
Chief, - Mining, Metallurgical and Chemical Branch:	W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products:	H. McLeod, B.Sc.

## IRON AND STEEL AND THEIR PRODUCTS

### FINAL SUMMARY STATISTICS, 1940.

According to final data compiled from the Census of Industry reports for 1940 the production value of iron and steel and their manufactures amounted to \$906,103,055 at factory prices. This value was 65 per cent over the final total for 1939.

The values by industries for 1940 were as follows, in millions of dollars: pig iron, ferro-alloys, steel and rolled products, 114.6; iron castings, 49.2; heating and cooking apparatus, 20.4; boilers, tanks and platework, 14.9; farm implements, 22.5; machinery, 84.2; automobiles, 189.8; automobile parts, 64.9; bicycles, 2.7; aircraft, 26.6; shipbuilding, 44.7; railway rolling stock and parts, 95.3; wire and wire goods, 32.4; sheet metal products, 64.2; hardware, cutlery and tools, 35.2; bridge and structural steel work, 31.2; and miscellaneous iron and steel products, 13.0.

The distribution of this production by provinces was as follows: Ontario had \$623.2 millions, Quebec \$169.7, Nova Scotia \$35.7, Manitoba \$24.5, British Columbia \$29.7, New Brunswick \$9.9, Saskatchewan \$7.3, Alberta \$5.8, and Prince Edward Island \$0.3 millions.

In 1940 a total of 1,433 factories operated in this group. These works, representing a capital investment in Canada of \$837.4 millions, employed a monthly average of 164,325 people who were paid \$242.7 millions for salaries or wages. Materials used in manufacturing processes cost \$454.5 millions and fuel and electricity cost \$22.2 millions.

Canada's imports of iron and steel products advanced to \$298,902,743 in 1940 from \$183,159,650 in 1939 and exports for the same periods rose \$127,666,846 from \$63,102,432. Re-exports of foreign produce advanced to \$2,066,230 from \$2,034,999.

# Final Iron and Steel

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Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1939 AND 1940.

Industry	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(+)	Gross sell- ing value of products at works
		\$		\$	\$	\$
<u>1939</u>						
Pig iron, ferro- alloys, steel and rolled products....	54	113,660,251	13,827	20,410,517	29,629,376	75,934,481
Iron castings .....	194	43,218,451	9,635	11,190,871	12,273,647	32,345,831
Heating and cooking apparatus .....	72	17,010,431	5,029	5,753,888	5,659,694	15,351,663
Boilers, tanks and plate work .....	41	14,324,828	2,491	3,150,560	3,673,208	8,799,806
Farm implements ....	36	58,067,218	5,306	6,024,720	6,672,529	16,035,223
Machinery .....	232	69,053,059	12,248	15,847,861	18,099,490	48,458,408
Automobiles .....	12	59,470,986	14,427	20,573,714	71,671,753	107,463,351
Automobile parts ...	97	30,290,876	8,119	9,846,641	19,714,235	38,711,807
Bicycles .....	5	2,884,791	494	584,887	1,059,104	2,054,659
Aircraft .....	13	14,581,852	3,596	4,651,615	1,428,168	12,638,470
Shipbuilding .....	43	30,054,838	3,491	4,950,179	3,814,321	11,234,967
Railway rolling stock and parts ...	38	94,551,828	17,569	25,050,559	34,070,884	60,710,204
Wire and wire goods.	76	31,088,655	4,523	5,684,938	7,262,999	25,063,379
Sheet metal products	172	59,490,712	8,479	10,001,539	29,612,215	51,527,229
Hardware, cutlery and tools .....	154	30,854,045	6,756	7,590,826	7,385,636	22,995,424
Bridge and structural steel .....	21	19,246,277	2,949	4,546,648	6,786,893	15,840,592
Miscellaneous iron and steel .....	134	10,044,622	2,102	2,699,665	3,478,629	8,303,386
TOTAL .....	1,394	697,893,720	121,041	158,559,628	262,292,781	553,468,880

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1939 AND 1940. Concluded.

Industry	No. of plants	Capital employed	Average number of em- ployees	Salaries and wages	Cost of materials at works(+)	Gross sell- ing value or products at works
		\$		\$	\$	\$
<u>1940</u>						
Pig iron, ferro- alloys, steel and rolled products....	54	133,844,814	17,774	29,207,036	54,045,692	114,598,409
Iron castings .....	197	49,831,652	12,026	15,932,897	20,324,185	49,265,398
Heating and cooking apparatus .....	77	18,998,271	5,596	7,053,556	7,568,843	20,405,137
Boilers, tanks and engines .....	41	16,057,039	3,307	4,924,993	6,544,887	14,865,343
Farm implements ....	34	55,688,391	6,857	8,719,979	10,323,849	22,553,459
Machinery .....	235	92,896,451	18,145	26,016,051	30,675,072	84,260,652
Automobiles .....	10	78,816,499	16,798	31,110,945	128,833,690	189,807,555
Automobile parts ...	100	40,710,655	10,441	14,981,791	35,690,690	64,878,624
Bicycles .....	5	2,893,910	577	917,819	1,456,955	2,680,084
Aircraft .....	19	30,749,992	10,348	13,773,045	6,813,343	26,567,902
Shipbuilding .....	47	48,565,107	9,707	15,753,467	18,633,954	44,690,937
Railway rolling stock and parts....	35	94,375,351	21,483	32,349,509	52,289,540	95,341,712
Wire and wire goods.	73	32,939,491	5,126	7,126,134	10,298,230	32,446,893
Sheet metal products	168	68,038,783	10,367	12,921,828	38,041,652	64,277,445
Hardware, cutlery and tools .....	176	36,364,470	8,665	10,711,557	11,090,315	35,232,992
Bridge and structur- al steel .....	22	24,848,485	4,409	7,478,171	16,158,502	31,230,062
Miscellaneous iron and steel .....	140	11,762,671	2,699	3,758,791	5,690,364	13,000,451
TOTAL .....	1,433	837,382,032	164,325	242,737,569	454,479,763	906,103,055
% change 1940 from 1939 .....	-	20	36	53	73	65

NOTE - Profits or losses cannot be computed from above figures as data are not available for such general expense items as rent, interest, taxes depreciation, insurance, advertising, etc.

(+) Does not include fuel and electricity costing \$15,401,303 in 1939 and \$22,161,342 in 1940.





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Final Iron and Steel.

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, BY PROVINCES, 1939 AND 1940.

Province	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$
<u>1940</u>						
Prince Edward Island .....	5	572,948	80	69,272	143,683	316,353
Nova Scotia .....	37	40,855,861	5,249	8,179,324	16,169,574	35,694,731
New Brunswick...	23	12,489,170	2,595	3,672,341	4,521,185	9,887,113
Quebec .....	298	174,377,032	37,144	53,399,148	77,306,804	169,716,578
Ontario .....	809	530,221,939	103,726	155,273,929	324,218,654	623,197,243
Manitoba .....	61	27,356,613	7,164	9,821,485	11,291,946	24,516,851
Saskatchewan .....	17	3,681,157	691	913,373	4,963,957	7,264,432
Alberta .....	43	10,251,044	1,916	2,592,668	2,544,665	5,813,965
British Columbia	140	37,576,268	5,760	8,825,029	13,319,295	29,695,789
CANADA .....	1,433	837,382,032	164,325	242,737,569	454,479,763	906,103,055

1939

Prince Edward Island .....	5	514,290	83	69,472	136,383	308,492
Nova Scotia .....	38	36,621,932	4,073	5,499,517	10,822,933	23,849,223
New Brunswick ..	24	11,005,996	1,891	2,509,069	2,961,714	6,459,279
Quebec .....	291	148,142,768	26,825	34,400,639	43,343,854	100,867,223
Ontario .....	780	438,029,643	76,033	99,452,631	183,013,076	374,004,529
Manitoba .....	60	24,956,228	6,099	8,419,046	8,805,678	19,905,711
Saskatchewan ...	16	3,480,309	606	694,926	3,470,840	5,320,713
Alberta .....	42	9,677,522	1,794	2,406,197	2,369,626	5,095,424
British Columbia	138	25,465,032	3,637	5,108,131	7,368,677	17,658,286
CANADA .....	1,394	697,893,720	121,041	158,559,628	262,292,781	553,468,880